4/20 & 4/21   us   4/4

10 797843

/

	Search Text
1	"355"/$.ccls.
2	"356"/$.ccls.
3	S1 or S2
4	S3 and (regulat$4 with (impurit$3 or contaminat$3 or degrad$6) and lens)
5	S3 and (contaminat$3 with inspect$3) and (optic$3 or lens)
6	S3 and test with ((contaminat$3 with inspect$3) and (optic$3 or lens))
7	S3 and ((test adj (element or material or object)) with ((contaminat$3 or inspect$3) and (optic$3 or lens)))
8	S3 and ((test with aperture) and ((element or material or object)) with ((contaminat$3 or inspect$3) and (optic$3 or lens)))
9	S3 and ((test with aperture) and ((contaminat$3 or degrad$5) and (optic$3 or lens)))
10	S3 and ((test with aperture) and ((contaminat$3 or degrad$5) and exposure and (optic$3 or lens)))
11	S3 and (optic$3 or lens) wtih (radiation adj exposure) and (degrad$5)
12	S3 and ((optic$3 or lens) and test)wtih (radiation adj exposure) and (degrad$5)
13	S3 and ((optic$3 or lens) and test) and (radiation adj exposure) and (degrad$5)
14	S3 and ((optic$3 or lens) with test) and (radiation adj exposure) and (degrad$5)
15	S3 and ((optic$3 or lens) with test and exposure) and (radiation) and (degrad$5)
16	"20040160588"
17	S16 and "RF"
18	S16 and "detector"
19	("6862076").PN.
20	lithogragph$3 and (test adj (element or object or surface) with (exposure) with (lens or optic$2) with (degrad$ or contaminat$3 or substance))
21	lithogragph$3 and radiation and (test adj (element or object or surface) with (exposure) with (lens or optic$2) with (degrad$ or contaminat$3 or substance))
22	radiation and (test adj (element or object or surface) with (exposure) with (lens or optic$2) with (degrad$ or contaminat$3 or substance))
23	(test adj (element or object or surface) with (exposure) with (lens or optic$2) with (degrad$ or contaminat$3 or substance))
24	(test adj (element or object or surface) with (exposure) with (lens or optic$2))

25	"355"/$.ccls.
26	"356"/$.ccls.
27	S25 or S26

		Search Text
28		(test adj (element or object or surface) with (exposure) with (lens or optic$2))
29		S27 and (test adj (element or object or surface) with (exposure) with (lens or optic$2))
30		S27 and (exam$ adj (element or object or surface) with (exposure) with (lens or optic$2))
31		S27 and ((test adj (element or object or surface)) with (exposure) with (lens or optic$2))
32		"355"/$.ccls.
33		"356"/$.ccls.
34		S32 or S33
35		("5696623").PN.
36		S35 and "expose" adj "object"
37		S35 and "expose" with "object"
38		S35 and "expos$" with "object"
39		S35 and (expos$ with object)
40		S35 and (expos$ with subject)
41		"355"/$.ccls.
42		"356"/$.ccls.
43		S41 or S42
44		S43 and ((test adj (element or object or surface)) with (exposure) with (lens or optic$2))
45		S34 and ((test adj (element or object or surface)) with (gas and exposure) with (lens or optic$2))
46		S34 and ((test adj (element or object or surface)) with (gas and exposure))
47		S34 and ((test or (optic$ with inspection)) adj (element or object or surface or subject)) with (radiation and gas and exposure)
48		S34 and ((test or (optic$ with inspection)) adj (element or object or surface)) with (radiation and gas and exposure)
49		S34 and ((optic$ with inspection) and (element or object or surface)) and (radiation with gas with exposure)
50		S34 and ((optic$ with inspection) and (lens adj surface))
51		S34 and ((optic$ with inspection) and (element or object or surface)) and (radiation with gas with exposure) and (contaminat$ or impurit$ or substance)
52		S34 and ((optic$ with inspection) and (element or object or surface)) and (radiation with gas with exposure) and (contaminat$ or impurit$ or degrad$ substance)
53		S34 and ((optic$ with inspection) and (element or object or surface)) and (radiation with gas with exposure) and (contaminat$ or impurit$ or degrad$ or substance)

| 54 | S34 and ((optic$ with inspection) and (element or object or surface)) and exposure and (radiation) and (contaminat$ or impurit$ or degrad$ or substance) |

	Search Text
55	(("1969655") or ("0233996") or ("4443072") or ("4616908") or ("4676614") or ("4699505") or ("4704348") or ("4730900") or ("4786947") or ("4825247") or ("4871237")).PN.
56	(("4974018") or ("5008156") or ("5061024") or ("5063582") or ("5166530") or ("5356739") or ("5425045")).PN.
57	("6038015").PN.
58	("4980536" | "5043299" | "5798196" | "5799104" | "5892237").PN.
59	("6034766").PN.
60	("5216481" | "5767961" | "5828500" | "5835207" | "5847822").PN.
61	("6862076").PN.
62	("20030169345" | "6716646").PN.
63	("6862076").URPN.
64	"20040105082"
65	"0105082"
66	"20040105082"
67	("20040105082").PN.
68	("10664065").PN.
69	"10664065"
70	(""""4596030""""|""""4627088""""|""""5317574""""|""""6414438"""").PN.
71	S34 and (gas and (impurit$ or fog$ or cloud$) with inspect$) and (lens or optic$)
72	S34 and (test ad lens) and (radiation adj exposure) and (impurit$ or fog$ or cloud$)
73	("6771350").PN.
74	("6700646").PN.
75	("4922098" | "4929083" | "5004913" | "5081635" | "5892573" | "5898477" | "6411368").PN.
76	359$.ccls.
77	"359"/$.ccls.
78	"430"/$.ccls.
79	"374"/$.ccls.
80	"378"/$.ccls.
81	S77 or S78 or S79 or S80
82	S81 and test and ((lens or optic$) and (surface or element or object) and (inspection or degrad$6 or contaminat$4 or fog$4 or cloud$4))
83	S81 and test and exposure and ((lens or optic$) and (surface or element or object) and (inspection or degrad$6 or contaminat$4 or fog$4 or cloud$4))

84	S81 and radiation and test and exposure and ((lens or optic$) and (surface or element or object) and (inspection or degrad$6 or contaminat$4 or fog$4 or cloud$4))

	Search Text
85	S81 and lithograph$3 and radiation and test and exposure and ((lens or optic$) and (surface or element or object) and (inspection or degrad$6 or contaminat$4 or fog$4 or cloud$4))
86	S81 and lithograph$3 and radiation and (test near (lens or object or surface or element or object)) and exposure and ((optic$) and (inspection or degrad$6 or contaminat$4 or fog$4 or cloud$4))
87	lithography and (contamination with (surface adj lens) with test)
88	lithography and ((contaminat$4 or degrad$6) with (surface adj lens) with test)
89	lithography and ((contaminat$4 or degrad$6) with (surface adj lens) and test)
90	"20040174506"
91	(("6778275") or ("6727981")).PN.
92	"20030035087"
93	"20030020888"
94	(("6571057") or ("6731371") or ("6727981") or ("6628371") or ("6571057") or ("6535270") or ("6106139")).PN.
95	("RE38320").PN.
96	("6621556").PN.
97	"20030206280"
98	"20030169407"
99	(("6765647") or ("6341006")).PN.
100	"20040056196"
101	("6271946").PN.
102	("6628371").PN.
103	("6621556").PN.
104	S103 and object
105	("6731371").PN.
106	S105 and object
107	("5696623").PN.
108	S107 and (expos$4 adj object)
109	S107 and (expos$4 adj subject)
110	S107 and subject
111	("6038015").PN.
112	S111 and diaphragm
113	("6795166").PN.
114	S113 and pupil with diaphragm
115	S113 and pupil same diaphragm
116	S113 and (pupil and diaphragm)
117	S113 and (pupil and reticle)
118	S113 and (pupil)

119	("6038015").PN.
120	S119 and pupil
121	S119 and plane
122	("6771350").PN.

	Search Text
123	S122 and pupil
124	("6621556").PN.
125	S124 and pupil
126	S124 and image
127	S124 and plane
128	((remove$5 or detach$5) with ((test adj (surface or plate)) or (detect$3) or (sensor)) with aperture)
129	("6628371").PN.
130	S129 and (surface near exposure)
131	S129 and (surface)
132	(((remove$5 or detach$5) and ((test adj (surface or plate))) or (detect$3) or (sensor)) with aperture)
133	(((remove$5 or detach$5) and ((test adj (surface or plate)) or (detect$3) or (sensor))) with aperture)
134	(((remove$5 or detach$5) and ((test adj (surface or plate)) or (detect$3) or (sensor))) with aperture) and exposure
135	"355"/$.ccls.
136	S135 and (((remove$5 or detach$5) and ((test adj (surface or plate)) or (detect$3) or (sensor))) with aperture)
137	"20040080741" or "20040016896" or "20020053353" or "20020051130"
138	S137 and (aperture) and (remove$5 or detach$5)
139	"20040080741" or "20040016896" or "20020051130"
140	S139 and (aperture) and (remove$5 or detach$5)
141	S139 and (aperture) and (test)

	Search Text
1	1 an "37"
2	1 and "37" and "38" and "28"
3	1 an "37" and "38" and "28"
4	1 and detach
5	1 and remove
6	((remove$5 or detach$5) with ((test adj (surface or plate)) or (detect$3) or (sensor)) with aperture)
7	1 and contaminant
8	"20040080741"
9	1 and dust particles
10	1 and (dust)
11	1 and (particles)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	18565	"355"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2005/04/19 08:05
S2	49353	"356"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2005/04/19 13:46
S3	66932	S1 or S2	US-PGPUB; USPAT	OR	OFF	2005/04/19 08:05
S4	20	S3 and (regulat$4 with (impurit$3 or contaminat$3 or degrad$6) and lens)	US-PGPUB; USPAT	OR	OFF	2005/04/19 08:12
S5	275	S3 and (contaminat$3 with inspect$3) and (optic$3 or lens)	US-PGPUB; USPAT	OR	OFF	2005/04/19 08:13
S6	10	S3 and test with ((contaminat$3 with inspect$3) and (optic$3 or lens))	US-PGPUB; USPAT	OR	OFF	2005/04/19 08:21
S7	28	S3 and ((test adj (element or material or object)) with ((contaminat$3 or inspect$3) and (optic$3 or lens)))	US-PGPUB; USPAT	OR	OFF	2005/04/19 08:44
S8	47	S3 and ((test with aperture) and ((element or material or object)) with ((contaminat$3 or inspect$3) and (optic$3 or lens)))	US-PGPUB; USPAT	OR	OFF	2005/04/19 08:46
S9	146	S3 and ((test with aperture) and ((contaminat$3 or degrad$5) and (optic$3 or lens)))	US-PGPUB; USPAT	OR	OFF	2005/04/19 08:47
S10	49	S3 and ((test with aperture) and ((contaminat$3 or degrad$5) and exposure and (optic$3 or lens)))	US-PGPUB; USPAT	OR	OFF	2005/04/19 08:50
S11	52361	S3 and (optic$3 or lens) wtih (radiation adj exposure) and (degrad$5)	US-PGPUB; USPAT	OR	OFF	2005/04/19 08:51
S12	16879	S3 and ((optic$3 or lens) and test)wtih (radiation adj exposure) and (degrad$5)	US-PGPUB; USPAT	OR	OFF	2005/04/19 08:51
S13	17	S3 and ((optic$3 or lens) and test) and (radiation adj exposure) and (degrad$5)	US-PGPUB; USPAT	OR	OFF	2005/04/19 08:55
S14	9	S3 and ((optic$3 or lens) with test) and (radiation adj exposure) and (degrad$5)	US-PGPUB; USPAT	OR	OFF	2005/04/19 08:55
S15	136	S3 and ((optic$3 or lens) with test and exposure) and (radiation) and (degrad$5)	US-PGPUB; USPAT	OR	OFF	2005/04/19 11:13
S16	1	"20040160588"	US-PGPUB; USPAT	OR	OFF	2005/04/19 09:30

S17	0	S16 and "RF"	US-PGPUB; USPAT	OR	OFF	2005/04/19 09:30
S18	1	S16 and "detector"	US-PGPUB; USPAT	OR	OFF	2005/04/19 09:30
S19	1	("6862076").PN.	USPAT; USOCR	OR	OFF	2005/04/19 11:13
S20	0	lithogragph$3 and (test adj (element or object or surface) with (exposure) with (lens or optic$2) with (degrad$ or contaminat$3 or substance))	US-PGPUB; USPAT	OR	OFF	2005/04/19 11:16
S21	0	lithogragph$3 and radiation and (test adj (element or object or surface) with (exposure) with (lens or optic$2) with (degrad$ or contaminat$3 or substance))	US-PGPUB; USPAT	OR	OFF	2005/04/19 11:16
S22	0	radiation and (test adj (element or object or surface) with (exposure) with (lens or optic$2) with (degrad$ or contaminat$3 or substance))	US-PGPUB; USPAT	OR	OFF	2005/04/19 11:17
S23	1	(test adj (element or object or surface) with (exposure) with (lens or optic$2) with (degrad$ or contaminat$3 or substance))	US-PGPUB; USPAT	OR	OFF	2005/04/19 11:17
S24	12	(test adj (element or object or surface) with (exposure) with (lens or optic$2))	US-PGPUB; USPAT	OR	OFF	2005/04/19 12:50
S25	18565	"355"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2005/04/19 12:50
S26	49353	"356"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2005/04/19 12:50
S27	66932	S25 or S26	US-PGPUB; USPAT	OR	OFF	2005/04/19 12:50
S28	12	(test adj (element or object or surface) with (exposure) with (lens or optic$2))	US-PGPUB; USPAT	OR	OFF	2005/04/19 12:51
S29	9	S27 and (test adj (element or object or surface) with (exposure) with (lens or optic$2))	US-PGPUB; USPAT	OR	OFF	2005/04/19 12:56
S30	0	S27 and (exam$ adj (element or object or surface) with (exposure) with (lens or optic$2))	US-PGPUB; USPAT	OR	OFF	2005/04/19 12:57
S31	9	S27 and ((test adj (element or object or surface)) with (exposure) with (lens or optic$2))	US-PGPUB; USPAT	OR	OFF	2005/04/19 13:03
S32	18565	"355"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2005/04/19 13:46
S33	49353	"356"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2005/04/19 13:46

S34	66932	S32 or S33	US-PGPUB; USPAT	OR	OFF	2005/04/19 14:17
S35	1	("5696623").PN.	USPAT; USOCR	OR	OFF	2005/04/19 14:20
S36	0	S35 and "expose" adj "object"	US-PGPUB; USPAT	OR	OFF	2005/04/19 14:21
S37	0	S35 and "expose" with "object"	US-PGPUB; USPAT	OR	OFF	2005/04/19 14:21
S38	0	S35 and "expos$" with "object"	US-PGPUB; USPAT	OR	OFF	2005/04/19 14:21
S39	1	S35 and (expos$ with object)	US-PGPUB; USPAT	OR	OFF	2005/04/19 14:21
S40	1	S35 and (expos$ with subject)	US-PGPUB; USPAT	OR	OFF	2005/04/19 14:45
S41	18565	"355"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2005/04/19 14:45
S42	49353	"356"/$.ccls.	US-PGPUB; USPAT	OR	OFF	2005/04/19 14:45
S43	66932	S41 or S42	US-PGPUB; USPAT	OR	OFF	2005/04/19 14:45
S44	9	S43 and ((test adj (element or object or surface)) with (exposure) with (lens or optic$2))	US-PGPUB; USPAT	OR	OFF	2005/04/19 14:45
S45	0	S34 and ((test adj (element or object or surface)) with (gas and exposure) with (lens or optic$2))	US-PGPUB; USPAT	OR	OFF	2005/04/19 14:46
S46	3	S34 and ((test adj (element or object or surface)) with (gas and exposure))	US-PGPUB; USPAT	OR	OFF	2005/04/19 15:01
S47	3	S34 and ((test or (optic$ with inspection)) adj (element or object or surface)) with (radiation and gas and exposure)	US-PGPUB; USPAT	OR	OFF	2005/04/19 15:03
S48	3	S34 and ((test or (optic$ with inspection)) adj (element or object or surface or subject)) with (radiation and gas and exposure)	US-PGPUB; USPAT	OR	OFF	2005/04/19 15:02
S49	3	S34 and ((optic$ with inspection) and (element or object or surface)) and (radiation with gas with exposure)	US-PGPUB; USPAT	OR	OFF	2005/04/19 15:19
S50	80	S34 and ((optic$ with inspection) and (lens adj surface))	US-PGPUB; USPAT	OR	OFF	2005/04/19 15:05
S51	3	S34 and ((optic$ with inspection) and (element or object or surface)) and (radiation with gas with exposure) and (contaminat$ or impurit$ or substance)	US-PGPUB; USPAT	OR	OFF	2005/04/19 15:21

S52	3	S34 and ((optic$ with inspection) and (element or object or surface)) and (radiation with gas with exposure) and (contaminat$ or impurit$ or degrad$ substance)	US-PGPUB; USPAT	OR	OFF	2005/04/19 15:21
S53	3	S34 and ((optic$ with inspection) and (element or object or surface)) and (radiation with gas with exposure) and (contaminat$ or impurit$ or degrad$ or substance)	US-PGPUB; USPAT	OR	OFF	2005/04/19 15:21
S54	153	S34 and ((optic$ with inspection) and (element or object or surface)) and exposure and (radiation) and (contaminat$ or impurit$ or degrad$ or substance)	US-PGPUB; USPAT	OR	OFF	2005/04/19 15:31
S55	13	(("1969655") or ("0233996") or ("4443072") or ("4616908") or ("4676614") or ("4699505") or ("4704348") or ("4730900") or ("4786947") or ("4825247") or ("4871237")).PN.	USPAT; USOCR	OR	OFF	2005/04/19 15:42
S56	7	(("4974018") or ("5008156") or ("5061024") or ("5063582") or ("5166530") or ("5356739") or ("5425045")).PN.	USPAT; USOCR	OR	OFF	2005/04/19 16:11
S57	1	("6038015").PN.	USPAT; USOCR	OR	OFF	2005/04/19 15:49
S58	5	("4980536" | "5043299" | "5798196" | "5799104" | "5892237").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/19 15:56
S59	1	("6034766").PN.	USPAT; USOCR	OR	OFF	2005/04/19 15:56
S60	5	("5216481" | "5767961" | "5828500" | "5835207" | "5847822").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/19 16:05
S61	1	("6862076").PN.	USPAT; USOCR	OR	OFF	2005/04/19 16:05
S62	2	("20030169345" | "6716646").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/19 16:05
S63	0	("6862076").URPN.	USPAT	OR	OFF	2005/04/19 16:07
S64	0	"20040105082"	USPAT	OR	OFF	2005/04/19 16:07
S65	4	"0105082"	USPAT	OR	OFF	2005/04/19 16:08
S66	0	"20040105082"	USPAT	OR	OFF	2005/04/19 16:08
S67	0	("20040105082").PN.	USPAT; USOCR	OR	OFF	2005/04/19 16:08
S68	0	("10664065").PN.	USPAT; USOCR	OR	OFF	2005/04/19 16:08

S69	0	"10664065"	US-PGPUB; USPAT	OR	OFF	2005/04/19 16:09
S70	4	("""4596030"""|"""4627088"""|"""53 17574"""|"""6414438""").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/19 16:10
S71	14	S34 and (gas and (impurit$ or fog$ or cloud$) with inspect$) and (lens or optic$)	US-PGPUB; USPAT	OR	OFF	2005/04/19 16:25
S72	16	S34 and (test ad lens) and (radiation adj exposure) and (impurit$ or fog$ or cloud$)	US-PGPUB; USPAT	OR	OFF	2005/04/19 16:26
S73	1	("6771350").PN.	USPAT; USOCR	OR	OFF	2005/04/20 07:33
S74	1	("6700646").PN.	USPAT; USOCR	OR	OFF	2005/04/20 07:33
S75	7	("4922098" | "4929083" | "5004913" | "5081635" | "5892573" | "5898477" | "6411368").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/20 08:07
S76	91675	359$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/20 08:08
S77	91675	"359"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/20 08:08
S78	84489	"430"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/20 08:08
S79	20780	"374"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/20 08:08
S80	21870	"378"/$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/20 08:09
S81	215721	S77 or S78 or S79 or S80	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/20 08:13
S82	9983	S81 and test and ((lens or optic$) and (surface or element or object) and (inspection or degrad$6 or contaminat$4 or fog$4 or cloud$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/20 08:15
S83	7125	S81 and test and exposure and ((lens or optic$) and (surface or element or object) and (inspection or degrad$6 or contaminat$4 or fog$4 or cloud$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/20 08:15
S84	3674	S81 and radiation and test and exposure and ((lens or optic$) and (surface or element or object) and (inspection or degrad$6 or contaminat$4 or fog$4 or cloud$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/20 08:16

S85	947	S81 and lithograph$3 and radiation and test and exposure and ((lens or optic$) and (surface or element or object) and (inspection or degrad$6 or contaminat$4 or fog$4 or cloud$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/20 08:18
S86	50	S81 and lithograph$3 and radiation and (test near (lens or object or surface or element or object)) and exposure and ((optic$) and (inspection or degrad$6 or contaminat$4 or fog$4 or cloud$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/20 08:19
S87	0	lithography and (contamination with (surface adj lens) with test)	US-PGPUB; USPAT	OR	OFF	2005/04/20 08:38
S88	0	lithography and ((contaminat$4 or degrad$6) with (surface adj lens) with test)	US-PGPUB; USPAT	OR	OFF	2005/04/20 08:39
S89	15	lithography and ((contaminat$4 or degrad$6) with (surface adj lens) and test)	US-PGPUB; USPAT	OR	OFF	2005/04/20 15:00
S90	1	"20040174506"	US-PGPUB; USPAT	OR	OFF	2005/04/20 08:59
S91	2	(("6778275") or ("6727981")).PN.	USPAT; USOCR	OR	OFF	2005/04/20 09:02
S92	1	"20030035087"	US-PGPUB; USPAT	OR	OFF	2005/04/20 09:03
S93	1	"20030020888"	US-PGPUB; USPAT	OR	OFF	2005/04/20 09:03
S94	6	(("6571057") or ("6731371") or ("6727981") or ("6628371") or ("6571057") or ("6535270") or ("6106139")).PN.	USPAT; USOCR	OR	OFF	2005/04/20 09:07
S95	1	("RE38320").PN.	USPAT; USOCR	OR	OFF	2005/04/20 09:10
S96	1	("6621556").PN.	USPAT; USOCR	OR	OFF	2005/04/20 09:10
S97	1	"20030206280"	US-PGPUB; USPAT	OR	OFF	2005/04/20 09:11
S98	1	"20030169407"	US-PGPUB; USPAT	OR	OFF	2005/04/20 09:11
S99	2	(("6765647") or ("6341006")).PN.	USPAT; USOCR	OR	OFF	2005/04/20 09:12
S100	1	"20040056196"	US-PGPUB; USPAT	OR	OFF	2005/04/20 10:03
S101	1	("6271946").PN.	USPAT; USOCR	OR	OFF	2005/04/20 09:13
S102	1	("6628371").PN.	USPAT; USOCR	OR	OFF	2005/04/20 15:25

S10 3	1	("6621556").PN.	USPAT; USOCR	OR	OFF	2005/04/20 15:25
S10 4	1	S103 and object	US-PGPUB; USPAT	OR	OFF	2005/04/20 15:43
S10 5	1	("6731371").PN.	USPAT; USOCR	OR	OFF	2005/04/20 15:43
S10 6	1	S105 and object	US-PGPUB; USPAT	OR	OFF	2005/04/20 16:17
S10 7	1	("5696623").PN.	USPAT; USOCR	OR	OFF	2005/04/20 16:17
S10 8	0	S107 and (expos$4 adj object)	US-PGPUB; USPAT	OR	OFF	2005/04/20 16:18
S10 9	1	S107 and (expos$4 adj subject)	US-PGPUB; USPAT	OR	OFF	2005/04/20 16:18
S11 0	1	S107 and subject	US-PGPUB; USPAT	OR	OFF	2005/04/20 16:32
S11 1	1	("6038015").PN.	USPAT; USOCR	OR	OFF	2005/04/20 16:33
S11 2	1	S111 and diaphragm	US-PGPUB; USPAT	OR	OFF	2005/04/20 16:33